Kevin C Burns

List of Publications by Year
in descending order

114 papers	3,036 citations	159525 30 h-index	206029 48 g-index
122 all docs	122 docs citations	122 times ranked	2973 citing authors

#	Article	IF	Citations
1	Do fruit reflectance properties affect avian frugivory in New Zealand?. New Zealand Journal of Botany, 2022, 60, 319-329.	0.8	4
2	The paradox of island evolution. Journal of Biogeography, 2022, 49, 248-253.	1.4	5
3	A simple null model predicts the island rule. Ecology Letters, 2021, 24, 1646-1654.	3.0	12
4	Similar yet distinct distributional patterns characterize native and exotic plant species richness across northern New Zealand islands. Journal of Biogeography, 2021, 48, 1731-1745.	1.4	7
5	Primitive eusociality in a land plant?. Ecology, 2021, 102, e03373.	1.5	3
6	Gender dimorphism in the virulence of a dioecious mistletoe. International Journal for Parasitology, 2021, 51, 985-987.	1.3	1
7	On the selective advantage of coloniality in staghorn ferns (Platycerium bifurcatum, Polypodiaceae). Plant Signaling and Behavior, 2021, 16, 1961063.	1.2	0
8	Minimal models provide maximally parsimonious explanations. Ecology Letters, 2021, 24, 2524-2525.	3.0	1
9	Facultative hemiepiphytism as a recruitment strategy in smallâ€seeded tree species. Journal of Vegetation Science, 2020, 31, 1100-1111.	1.1	4
10	Spatial ecology and host diversity of three arboreal plants from Lord Howe Island. Australian Journal of Botany, 2020, 68, 458.	0.3	2
11	When an enemy of an enemy is not a friend: Tri-trophic interactions between kÄkÄ, puriri moths and makomako trees. New Zealand Journal of Ecology, 2020, 44, .	1.1	2
12	Reproductive Biology. , 2019, , 109-130.		0
13	Loss of Fire-Adapted Traits. , 2019, , 156-170.		0
14	Size Changes. , 2019, , 131-155.		0
15	Differences in Defence. , 2019, , 43-84.		5
16	Differences in Dispersal. , 2019, , 85-108.		0
17	Plants obey (and disobey) the island rule. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17632-17634.	3.3	43
18	Building a better future for Diversity & Distributions. Diversity and Distributions, 2019, 25, 1010-1011.	1.9	1

#	Article	IF	Citations
19	Memory Performance Influences Male Reproductive Success in a Wild Bird. Current Biology, 2019, 29, 1498-1502.e3.	1.8	38
20	Parasiteâ€“offspring competition for female resources can explain male-biased parasitism in plants. Biology Letters, 2019, 15, 20180761.	1.0	5
21	Reply to Brian and Walker-Hale: Support for the island rule does not hide morphological disparity in insular plants. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24931-24932.	3.3	0
22	Independent evolution of allometric traits: a test of the allometric constraint hypothesis in island vines. Biological Journal of the Linnean Society, 2019, 126, 203-211.	0.7	20
23	Phenotypic trait matching predicts the topology of an insular plantâ€“bird pollination network. Integrative Zoology, 2018, 13, 339-347.	1.3	27
24	Time to abandon the loss of dispersal ability hypothesis in island plants: A comment on GarcÃaâ€Verdugo, Mairal, Monroy, Sajeva and CaujapÃ©â€€Castells (2017). Journal of Biogeography, 2018, 45, 1219-1222.	1.4	32
25	An alternative water transport system in land plants. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180995.	1.2	19
26	Host defence predicts host specificity in a long-lived arboreal parasite. Evolutionary Ecology, 2017, 31, 37-50.	0.5	4
27	Adaptive advantages of appearance: predation, thermoregulation, and color of webbing built by New Zealand's largest moth. Ecology, 2017, 98, 1324-1333.	1.5	4
28	Male New Zealand robins (Petroica longipes) cater to their mateâ€™s desire when sharing food in the wild. Scientific Reports, 2017, 7, 896.	1.6	7
29	Convergent evolution of gigantism in the flora of an isolated archipelago. Evolutionary Ecology, 2017, 31, 741-752.	0.5	20
30	Disturbance and diversity in a continental archipelago: a mechanistic framework linking area, height, and exposure. Ecosphere, 2017, 8, e01957.	1.0	8
31	Potential aposematism in an insular tree species: are signals dishonest early in ontogeny?. Biological Journal of the Linnean Society, 2016, 118, 951-958.	0.7	21
32	Spinescence in the New Zealand flora: parallels with Australia. New Zealand Journal of Botany, 2016, 54, 273-289.	0.8	25
33	Radial distributions of air plants: a comparison between epiphytes and mistletoes. Ecology, 2016, 97, 819-825.	1.5	7
34	Nativeâ€“exotic richness relationships: a biogeographic approach using turnover in island plant populations. Ecology, 2016, 97, 2932-2938.	1.5	25
35	Size changes in island plants: independent trait evolution inAlyxia ruscifolia(Apocynaceae) on Lord Howe Island. Biological Journal of the Linnean Society, 2016, 119, 847-855.	0.7	31
36	Composition patterns and network structure of epiphyteâ€“host interactions in Chilean and New Zealand temperate forests. New Zealand Journal of Botany, 2016, 54, 204-222.	0.8	24

#	Article	IF	Citations
37	Apparency revisited. Entomologia Experimentalis Et Applicata, 2015, 157, 74-85.	0.7	42
38	The color of plant reproduction: macroecological trade-offs between biotic signaling and abiotic tolerance. Frontiers in Ecology and Evolution, 2015, 3, .	1.1	16
39	The ontogeny of leaf spines: progressive versus retrogressive heteroblasty in two New Zealand plant species. New Zealand Journal of Botany, 2015, 53, 15-23.	0.8	12
40	Drivers of aggregation in a novel arboreal parasite: the influence of host size and infra-populations. International Journal for Parasitology, 2015, 45, 197-202.	1.3	5
41	Epiphyte community development throughout tree ontogeny: an island ontogeny framework. Journal of Vegetation Science, 2015, 26, 902-910.	1.1	49
42	Wild psychometrics: evidence for â€˜generalâ€™ cognitive performance inÂwild New Zealand robins, Petroica longipes. Animal Behaviour, 2015, 109, 101-111.	0.8	148
43	A Theory of Island Biogeography for Exotic Species. American Naturalist, 2015, 186, 441-451.	1.0	22
44	Sexual size dimorphism in island plants: the niche variation hypothesis and insular size changes. Oikos, 2015, 124, 717-723.	1.2	12
45	The repeated evolution of large seeds on islands. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140675.	1.2	52
46	At a loss for birds: insularity increases asymmetry in seedâ€dispersal networks. Global Ecology and Biogeography, 2014, 23, 385-394.	2.7	52
47	Are there general patterns in plant defence against megaherbivores?. Biological Journal of the Linnean Society, 2014, 111, 38-48.	0.7	52
48	Wild robins (Petroica longipes) respond to human gaze. Animal Cognition, 2014, 17, 1149-1156.	0.9	9
49	Comparative ecology of bird-pollinated and bird-dispersed New Zealand plants. New Zealand Journal of Botany, 2013, 51, 206-212.	0.8	9
50	What causes size coupling in fruitâ€“frugivore interaction webs?. Ecology, 2013, 94, 295-300.	1.5	73
51	Chatter-call harmonics in the North Island Saddleback: do they play a role in ranging?. Emu, 2013, 113, 161-167.	0.2	0
52	Avian frugivory inMiconia(Melastomataceae): contrasting fruiting times promote habitat complementarity between savanna and palm swamp. Journal of Tropical Ecology, 2013, 29, 99-109.	0.5	25
53	Dominant network interactions are not correlated with resource availability: a case study using mistletoe host interactions. Oikos, 2013, 122, 889-895.	1.2	5
54	The Ability of North Island Robins to Discriminate between Humans Is Related to Their Behavioural Type. PLoS ONE, 2013, 8, e64487.	1.1	7

#	Article	IF	Citations
55	Evaluating Frugivore-fruit Interactions Using Avian Eye Modelling. Tropical Life Sciences Research, 2013, 24, 31-50.	0.5	4
56	Large quantity discrimination by North Island robins (Petroica longipes). Animal Cognition, 2012, 15, 1129-1140.	0.9	94
57	Seed Dispersal: The Blind Bomb Maker. Current Biology, 2012, 22, R535-R537.	1.8	2
58	Memory for Multiple Cache Locations and Prey Quantities in a Food-Hoarding Songbird. Frontiers in Psychology, 2012, 3, 584.	1.1	13
59	Masting in a temperate tree: Evidence for environmental prediction?. Austral Ecology, 2012, 37, 175-182.	0.7	17
60	Seed dispersal effectiveness increases with body size in New Zealand alpine scree weta (<i>Deinacrida) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	17
61	Fish distributions along depth gradients of a sea mountain range conform to the midâ€domain effect. Ecography, 2012, 35, 557-565.	2.1	3
62	Predicting network topology of mistletoeâ€“host interactions: do mistletoes really mimic their hosts?. Oikos, 2012, 121, 761-771.	1.2	30
63	Mistletoe macroecology: spatial patterns in species diversity and host use across Australia. Biological Journal of the Linnean Society, 2012, 106, 459-468.	0.7	16
64	Evolutionary size changes in plants of the southâ€west Pacific. Global Ecology and Biogeography, 2012, 21, 819-828.	2.7	41
65	A unified analysis of niche overlap incorporating data of different types. Methods in Ecology and Evolution, 2011, 2, 175-184.	2.2	106
66	Liana co-occurrence patterns in a temperate rainforest. Journal of Vegetation Science, 2011, 22, 868-877.	1.1	15
67	Body size determines rates of seed dispersal by giant king crickets. Population Ecology, 2011, 53, 73-80.	0.7	13
68	Allometry of Sexual Size Dimorphism in Dioecious Plants: Do Plants Obey Renschâ€™s Rule?. American Naturalist, 2011, 178, 596-601.	1.0	19
69	Is crypsis a common defensive strategy in plants? Speculation on signal deception in the New Zealand flora. Plant Signaling and Behavior, 2010, 5, 9-13.	1.2	56
70	What weta want: colour preferences of a frugivorous insect. Arthropod-Plant Interactions, 2010, 4, 267-276.	0.5	16
71	Tree diversity on islands: assembly rules, passive sampling and the theory of island biogeography. Journal of Biogeography, 2010, 37, 1876-1883.	1.4	12
72	How arboreal are epiphytes? A null model for Benzing's classifications. New Zealand Journal of Botany, 2010, 48, 185-191.	0.8	19

#	Article	IF	Citations
73	Hiding from the Ghost of Herbivory Past: Evidence for Crypsis in an Insular Tree Species. International Journal of Plant Sciences, 2010, 171, 828-833.	0.6	31
74	A hierarchical framework for investigating epiphyte assemblages: networks, metaâ€communities, and scale. Ecology, 2010, 91, 377-385.	1.5	79
75	Fine-scale food hoarding decisions in New Zealand Robins (Petroica australis): is inter-sexual competition important?. Journal of Ornithology, 2009, 150, 321-328.	0.5	7
76	Geographic patterns in fruit colour diversity: do leaves constrain the colour of fleshy fruits?. Oecologia, 2009, 159, 337-343.	0.9	65
77	Vertical gradients in leaf trait diversity in a New Zealand forest. Trees - Structure and Function, 2009, 23, 339-346.	0.9	12
78	Scaleâ€dependent trait correlations in a temperate tree community. Austral Ecology, 2009, 34, 670-677.	0.7	13
79	Plant extinction dynamics in an insular metacommunity. Oikos, 2009, 118, 191-198.	1.2	35
80	Fruitâ€“frugivore interactions in two southern hemisphere forests: allometry, phylogeny and body size. Oikos, 2009, 118, 1901-1907.	1.2	15
81	Sampling Effects and Host Ranges in Australian Mistletoes. Biotropica, 2009, 41, 656-658.	0.8	11
82	The smallâ€island effect: fact or artefact?. Ecography, 2009, 32, 269-276.	2.1	56
83	Viewpoint: Wild number sense in brood parasitic Brownâ€headed Cowbirds. Ibis, 2009, 151, 775-777.	1.0	10
84	Ontogenetic colour changes in an insular tree species: signalling to extinct browsing birds?. New Phytologist, 2009, 184, 495-501.	3.5	111
85	Network properties of arboreal plants: Are epiphytes, mistletoes and lianas structured similarly?. Perspectives in Plant Ecology, Evolution and Systematics, 2009, 11, 41-52.	1.1	45
86	Seasonal variation in male-female competition, cooperation and selfish hoarding in a monogamous songbird. Behavioral Ecology and Sociobiology, 2008, 62, 1175-1183.	0.6	19
87	Global patterns in fruiting seasons. Global Ecology and Biogeography, 2008, 17, 648-657.	2.7	88
88	Meta-community structure of vascular epiphytes in a temperate rainforest. Botany, 2008, 86, 1252-1259.	0.5	23
89	Adaptive numerical competency in a food-hoarding songbird. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 2373-2379.	1.2	105
90	Sexual differences in food re-caching by New Zealand robins Petroica australis. Journal of Avian Biology, 2007, 38, 394-398.	0.6	14

#	Article	IF	Citations
91	Vocal ethology of the North Island kaka (Nestor meridionalis septentrionalis). New Zealand Journal of Zoology, 2007, 34, 337-345.	0.6	11
92	Network properties of an epiphyte metacommunity. Journal of Ecology, 2007, 95, 1142-1151.	1.9	82
93	Communityâ€wide character displacement in New Zealand skinks. Journal of Biogeography, 2007, 34, 2139-2147.	1.4	9
94	Is tree diversity different in the Southern Hemisphere?. Journal of Vegetation Science, 2007, 18, 307-312.	1.1	11
95	Cache spacing patterns and reciprocal cache theft in New Zealand robins. Animal Behaviour, 2007, 73, 1043-1049.	0.8	32
96	A morphological comparison of leaf heteroblasty between New Caledonia and New Zealand. New Zealand Journal of Botany, 2006, 44, 387-396.	0.8	25
97	A simple null model predicts fruit-frugivore interactions in a temperate rainforest. Oikos, 2006, 115, 427-432.	1.2	37
98	Dominance rank influences food hoarding in New Zealand Robins Petroica australis. Ibis, 2006, 148, 266-272.	1.0	15
99	Patterns in the assembly of an island plant community. Journal of Biogeography, 2006, 34, 760-768.	1.4	22
100	Seed Dispersal by Weta. Science, 2006, 311, 1575-1575.	6.0	56
101	Plastic heteroblasty in beach groundsel (Senecio lautus). New Zealand Journal of Botany, 2005, 43, 665-672.	0.8	18
102	Patterns in the diversity and distribution of epiphytes and vines in a New Zealand forest. Austral Ecology, 2005, 30, 883-891.	0.7	52
103	Is there limiting similarity in the phenology of fleshy fruits?. Journal of Vegetation Science, 2005, 16, 617-624.	1.1	23
104	A multi-scale test for dispersal filters in an island plant community. Ecography, 2005, 28, 552-560.	2.1	28
105	Abundance-age-area relationships in an insular plant community. Folia Geobotanica, 2005, 40, 331-340.	0.4	5
106	Effects of bi-colored displays on avian fruit color preferences in a color polymorphic plant1. Journal of the Torrey Botanical Society, 2005, 132, 505-509.	0.1	9
107	Scale and macroecological patterns in seed dispersal mutualisms. Global Ecology and Biogeography, 2004, 13, 289-293.	2.7	92
108	Relationships between the demography and distribution of two bird-dispersed plants in an island archipelago. Journal of Biogeography, 2004, 31, 1935-1943.	1.4	14

#	Article	IF	Citations
109	Patterns in specific leaf area and the structure of a temperate heath community. Diversity and Distributions, 2004, 10, 105-112.	1.9	39
110	Community-wide character displacement in barnacles: a new perspective for past observations. Ecology Letters, 2003, 7, 114-120.	3.0	24
111	Broad-scale reciprocity in an avian seed dispersal mutualism. Global Ecology and Biogeography, 2003, 12, 421-426.	2.7	19
112	Foliage color contrasts and adaptive fruit color variation in a bird-dispersed plant community. Oikos, 2002, 96, 463-469.	1.2	70
113	Seed dispersal facilitation and geographic consistency in bird-fruit abundance patterns. Global Ecology and Biogeography, 2002, 11, 253-259.	2.7	49
114	Functional traits explain non-native plant species richness and occupancy on northern New Zealand islands. Biological Invasions, 0, , 1.	1.2	1